

## **REMARKS**

The Examiner has objected to the Abstract of the Disclosure for being too long. By the present Amendments to the Specification, the Applicants amend the Abstract to be less than 150 words.

The Examiner has noted that Figs. 1 and 2 should be labeled as PRIOR ART. Applicants submit replacement sheets for Figs. 1 and 2 with the PRIOR ART legend.

The Examiner has rejected Claims 1-14 under 35 USC 102(b) as anticipated by Lau. Applicants request reconsideration of the rejections.

The present application teaches and claims a transimpedance amplifier circuit and auxiliary photodetector formed on the same substrate.

In contrast, the Lau patent shows an amplifier circuit connected to an external photodetector. Lau does not form the two elements on the same substrate. Applicants note that the Examiner has not pointed to any explicit teachings of the Lau patent when rejecting the claim language. Applicants respectfully request that the Examiner indicate where Lau teaches that the amplifier circuit and an auxiliary photodetector be formed in the same substrate. As understood, Lau teaches the prior art that was described

in the present specification and improved upon by the present invention.

Anticipation under 35 USC 102 is established only when a single prior art reference discloses each and every element of a claimed invention. See: In re Schreiber, 128 F. 3d 1473, 1477, 44 USPQ2d 1429, 1431 (Fed. Cir. 1997); In re Paulsen, 30 F. 3d 1475, 1478-1479, 31 USPQ2d 1671, 1673 (Fed. Cir. 1994); In re Spada, 911 F. 2d 705, 708, 15 USPQ2d 1655, 1657 (Fed. Cir. 1990) and RCA Corp. v. Applied Digital Data Sys., Inc., 730 F. 2d 1440, 1444, 221 USPQ 385, 388 (Fed. Cir. 1984). Since the Lau patent does not teach all of the claimed features of the independent claims, it cannot be concluded that Lau anticipates the invention as claimed by independent Claim 1 or the claims which depend therefrom and add further limitations thereto.

Based on the foregoing amendments and remarks, Applicants respectfully request entry of the amendment, reconsideration of the rejections, and issuance of the claims.

Respectfully submitted,  
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